



387904

MINUTES
of
ENVIRONMENTAL MEETING
Re
INTERPLASTIC CORPORATION

A meeting was held at the offices of Interplastic Corporation, 2015 Northeast Broadway Street, Minneapolis, Minnesota on April 9, 1986 at 1:00 o'clock p.m. to discuss environmental matters involving Interplastic Corporation at which all of the following named persons except Mr. Crowley were in attendance:

A. State of Minnesota

1. Edgar Crowley
Regulatory Compliance Section
Division of Air Quality
Minnesota Pollution Control Agency
2. Debra McGovern
Site Assessment Supervisor
Solid and Hazardous Waste
Minnesota Pollution Control Agency
3. Shawn Routsinoja
Assistant to Debra McGovern
Minnesota Pollution Control Agency

B. County of Hennepin

4. Laura Roberts
Chemist and Senior Environmentalist
Department of Environment and Energy

C. City of Minneapolis

5. Glenn Kieker
Pollution Control Specialist
Department of Inspection
Pollution Control Division
6. Karen Nordby
Department of Inspection
Pollution Control Division

D. Interplastic Corporation

7. Robert DeRoma
Vice President
8. William Sofko
Vice President



E. Hatcher Incorporated (Consultant)

9. Roger Hatcher, Ph.D.
Biochemistry
10. George Bain, P.G.
Geohydrologist

F. Attorneys

11. Robert Henretta
Henretta, Lamm & Cross
12. Ivan Levy
Henretta, Lamm & Cross

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Interplastic Corporation has its principal facility in Minneapolis located at 2015 Northeast Broadway Street. The Corporation is engaged there in the manufacture of synthetic organic polymers for use in reinforced plastics. The Corporation and its business was acquired by its present owners from Phillips Petroleum Company on May 20, 1983. Historically the business was first organized as a privately held corporation, and was subsequently organized as a local over the counter publicly owned entity which was then sold to Phillips Petroleum Company in early February of 1980.

1. **Consultant.** Hatcher, Incorporated, 9025 Forest Hill Avenue, Richmond, Virginia, represented by Roger Hatcher, Ph.D., Biochemistry, and George Bain, P.G., Geohydrologist, has been engaged as a consultant to advise with respect to ground water investigation and, if found necessary, for its treatment.
2. **Monitoring Wells.** Three monitoring wells have been sunk on Interplastic property and have been pumped and tested. Each environmental office present has had delivered to it a copy of the report on the first test conducted on those wells by Twin City Testing Laboratories. Cal Lab East has conducted a scan upon ground water samples for all 113 elements the results of which are reported in Hatcher, Incorporated's Hydrogeologic Study/Status Report dated March 28, 1986, a copy of which has previously been delivered to each environmental agency represented at the meeting. A second test of groundwater sampled from each of the three monitoring wells was conducted by Twin City Testing Laboratories the results of which are likewise reported in the above referenced Hatcher report.

A four (4) inch well will be spudded April 10, 1986 and drilled to the bottom of the aquifer (50 feet). Two additional 2-inch monitoring wells are being seriously considered to better develop necessary ground water information. Wells are to be further pumped and tested to conclusively determine whether or not Interplastic's operations have contaminated ground water,

and to determine direction of ground water flow. This will establish the "cone of influence" of the 4-inch well if test results indicate that pumping that well and treatment of ground water is required, and also provide the basis for the design of a water treatment program.

As of this date, the 4-inch well has been completed, developed, pumped and tested. The results will be made known as soon as available.

3. **Underground Storage.** Hydrostatic testing of all underground storage tanks, in accordance with approved methods, will be contracted for with a responsible independent contractor before the end of April; the testing program will be commenced and completed as rapidly as possible over the next several months. It is planned to raise all flow lines serving underground tanks above ground and to remove all soil necessary to expose the tanks fill and exhaust lines and their seals. The soil being removed will be stored on site, and covered below and above with plastic sheets. The soil will be sampled and tested. If soil is not contaminated with hazardous substances, it will be replaced over the storage tanks when testing has been completed. If hazardous substances are found at unacceptable levels, a plan to treat or dispose of that dirt shall be submitted and implemented.

Fill and exhaust lines and tank seals will be inspected and repaired as their condition may indicate.

Tanks will be tested one at a time as circumstances permit. Any tank found defective will be emptied and then either replaced or removed when all testing has been completed.

New flow lines to serve storage tanks from the spur tracks on the east side of the property will be constructed as soon as tank testing is complete.

As of the date of this document, the ground over the tanks is being excavated and the soil is being stored on site pending testing.

4. **Geophysical Survey.** Interplastic has arranged with Hatcher, Incorporated to conduct an electronic sweep of its property to put to rest the suspicion that barrels containing hazardous substances have at some time in the past been dumped and buried on its property. Should further tests be required as a result of that electronic sweep, they will be pursued. The results of the investigation will dictate whether or not remedial action is to be required and will be dealt with as those results are known. Environmental agencies will be kept abreast of developments as they occur. A survey of the parking lot area was made with Geoniss 34-3XL Terrane Conductivity Meter and no indication of buried drums was found except for one suspicious area where no clear indication could be resolved. Six inch borings were made into the center of the suspicious area. The test revealed no evidence of buried drums.
5. **Hydrogeologic Study/Status Report.** Mr. Hatcher and Mr. Bain reviewed in detail the Hatcher report of March 28, 1986. The report speaks for itself in considerable detail and was highlighted by their observations.

- (a) Mr. Hatcher and Mr. Bain emphasized that the first test conducted by Twin City Testing Laboratories should be disregarded since, in their opinion, the wells had not been properly pumped and purged and did not reflect the true condition of the ground water underlying the site. The second test results reported in the Hatcher report of March 28 should be accepted as a proper representation of the ground water situation. Wells are to be further tested to better define the existing conditions. When the further steps recommended in Hatcher's report have been taken, it will permit a determination as to whether ground water treatment is to be required and, if so indicated, will provide a basis upon which to design an appropriate program for that purpose.
 - (b) No pesticides have been indicated in ground water from tests conducted to this date.
 - (c) Although test results indicate the possible presence of methylene chloride, this is considered to be due to a testing anomaly and methylene chloride probably is not present on this site.
 - (d) Presence of styrene and acetone was indicated. This is normal in resin sites, but concentrations were much lower than could be expected.
 - (e) The recommendations of Hatcher will be followed unless information as developed dictates different steps, in which case advice thereof will be given to all concerned.
 - (f) Hatcher recommended that when the site has been tested and cleared, that a concrete apron be installed over the yard to control spills and future contamination. He said this is a uniformly accepted and tested procedure in like situations.
 - (g) A schedule detailing the steps planned and their time frame is attached as Exhibit A.
6. **Contingency Plan, etc.** Mr. William Sofko, Environmental Officer for Interplastic, advised that documentation required by environmental laws is basically in proper form but is in need of updating and refinement. All such reports, plans, files and documentation as planned will be complete and in proper form and may be inspected no later than May 1, 1986.
7. **Acetone Storage.** Used acetone has never been stored underground at Interplastic. Waste acetone is stored in drums properly tagged, logged and picked up by Worum Chemical at least twice a week. There are never more than two drums on site at any one time. Tankers are now cleaned by commercial operations off site. Use of acetone has been reduced by at least 75% and will be reduced more over the months ahead.

8. **Thin Thanks.** The one condenser installed on one of the four thin tanks has now been tested and found to produce satisfactory results. Condensers have now been ordered and will be installed on the three remaining thin tanks over the next two months.
9. **Hoods on Mixers.** Hoods are now in place on all high speed mixers.
10. **Parking Lot.** The parking area along the road and at the rear of the site has been paved with asphalt as requested.
11. **Gel Cote Operations.** The Gel Cote operations have been moved to a new building in Vadnais Heights freeing additional space for better operation in the plant located at 2015 N.E. Broadway.
12. **Thermyloxidizer.** Interplastic has presently under investigation and consideration the installation of such equipment and, if found feasible and to be a better long term solution to problems, would be installed. It is a complex and difficult analysis with many facets to consider and will take several months to consider before a decision can be made.
13. **Robert DeRoma.** Mr. DeRoma has within the past month joined Interplastic as a Vice President and General Manager of its Commercial Resins Division. He presented a brief history of Interplastic. The Corporation was originally a private company, next it became a public company, then in 1980 it was purchased by Phillips Petroleum Company, and finally it was sold to the present owners on May 20, 1983. Management has been charged by the Corporation's owner and directors to do whatever is necessary to bring its facilities and to conduct its operations in full compliance with environmental and other laws to which it may be subject. Substantial improvement to the Corporation's staff has been accomplished and should better enable them to carry out the responsibilities of the Corporation. Interplastic feels it is making every effort to cooperate with regulatory agencies and is making considerable improvement in those areas in which environmental agencies are concerned.
14. **Reports.** Reports will be made to all agencies as progress is made against the performance schedule attached as Exhibit A.


ROBERT L. HENRETTA

SCHEDULE - GROUND WATER TREATMENT AND TANK TESTING

ACTIVITY	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
I. Ground Water Withdrawal Treatment						
A. Drill Well	X					
B. Pump Test	XXXX					
C. Ground Water Direction and Movement						
a. GW Levels	XXXXXX	-----				
b. Install Recorder	X	-----				
D. Water Sampling/Analysis						
a. Laboratory	X	-----				
b. Treatability	X	-----				
E. T & S of Aquifer		XXXXXX				
F. Design GW Withdrawal System		XXXXXX				
G. Design Air Stripper			XXXXXXXXXXXX			
H. Install Air Stripper				XXXXXXXXXXXX	----->	----->
I. Install GW Withdrawal System			XXXXXXXXXXXX			
J. Progress Reports		*	*	*	*	*
K. Final Report						X
II. Test Tanks	X	----->	----->	----->	----->	----->

